

The AGICITY® DUO is an intelligent and scalable charging solution, It can be easily installed to a wall or free standing. The DUO can be set up for various purposes: from a simple, rapid and smart dual charger to an intelligent, back-end cloud-connected charging solution that functions within a Smart Charging environment. This modular construction makes our AGICITY DUO ideal for use as a home-charger, company-charger or as a charging solution for car park operators.

DESCRIPTION

Thanks to the Smart Charging functions, AGICITY® DUO is the ideal building block for local charging networks. In combination with the pool manager option, the available power is dynamically anticipated across various locally installed AGICITY® charging stations.

Configuration

Power supply: from 2x 7kW to 2x 22kW

Number of charging points:2

Plug sockets: Lockable T2, T2S, or T2s+ type E

Electrical protections: not integrated

Electronics protection: embedded

Two different configurations are available:

- **Master:** embed the pool manager and/or cellular connectivity (2G/4G)
- **Slave:** can be managed by a master charging station via an Ethernet connexion.

RFID reader: ISO 14443A, ISO 14443B, MiFare, Calypso

Communication & commissioning

- Communication interface:2G/4G or Ethernet (IEEE 802.3)
- Interoperability OCPP 1.5 and OCPP 1.6
- Communication gateway for slave charger management: only on master station
- Local management through embedded web server

ASSOCIATED SERVICES

Smart charging

Power limitation for one or more plug sockets on the same pool, dynamic load management using the pool manager.

The limitation can be :

- **Static:** the power supply limit is defined and static. It can be locally configured at the pool level and then modified through commissioning software.
- **Dynamic:** power supply changes according to charging requests and energy availability. The load balancing can operate locally on a charging station or a cluster. This function can be extended via a communicating metering device (optional) in order to meter both power consumption and power feeding from external production on the same delivery point.
- **Dynamic with local constraint:** power supply respects optimization strategies, taking into consideration external parameters, such as power pricing, through OCPP commands and commissioning software.

Maintenance and supervision



STANDARDS

International EN 61851-1;
EN 61851-22; EN 62196-2

National BS 7671; NF C 15-100;
NF C 15-722

- Remote management / diagnosis
- Preventative and on-going maintenance
- Real-time reporting and alerts

Charge access

- Plug & charge
- Local user authentication through RFID
- Remote user authentication through RFID/OCPP
- Compatible with most EMSP services

CHARACTERISTICS

Construction characteristics

Number of charging points	2 simultaneous
Material	Steel

Dimensional characteristics

Approximate net weight	16.0 kg
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Mechanical characteristics

IK Rating	10
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Usage characteristics

IP Rating	IP55
Operating temperature, range	-30 .. 50 °C

PRODUCT LIST

Nexans ref.	Name	Power [kVA]	Plug socket	Charging station configuration	Charging station Electrical protection
☎ 69705E	AGICITY DUO FR 2x22kW Master T2SL/E Cust220012-RAL5021	22	Type 2S lockable + EF	Master	Not included
☎ 69710E	AGICITY DUO FR 2x22kW Master T2SL/E Cust220422-RAL5021	22	Type 2S lockable + EF	Master	Partial
☎ 69847E	AGICITY DUO FR 2x22kW Slave T2SL Cust220001	22	Type 2S Lockable	Slave	Not included
☎ 69712E	AGICITY DUO FR 2x22kW Slave T2SL Cust220401-RAL5021	22	Type 2S Lockable	Slave	Partial
☎ 69708E	AGICITY DUO FR 2x22kW Slave T2SL/E Cust220001-RAL5021	22	Type 2S lockable + EF	Slave	Not included
☎ 69804E	AGICITY DUO FR 2x22kW Slave T2SL/E Cust220002-RAL5021	22	Type 2S lockable + EF	Slave	Not included
☎ 69730E	AGICITY DUO FR 2x22kW Slave T2SL/E Cust220401-RAL5021	22	Type 2S lockable + EF	Slave	Partial
☎ 69731E	AGICITY DUO FR 2x22kW Slave T2SL/E Cust220402-RAL5021	22	Type 2S lockable + EF	Slave	Partial
☎ 304039E	AGICITY DUO FR 2x7kW Master T2SL/E Cust220022-RAL5021	7	Type 2S lockable + EF	Master	Not included

☎ = Make to order, 📦 = In stock

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

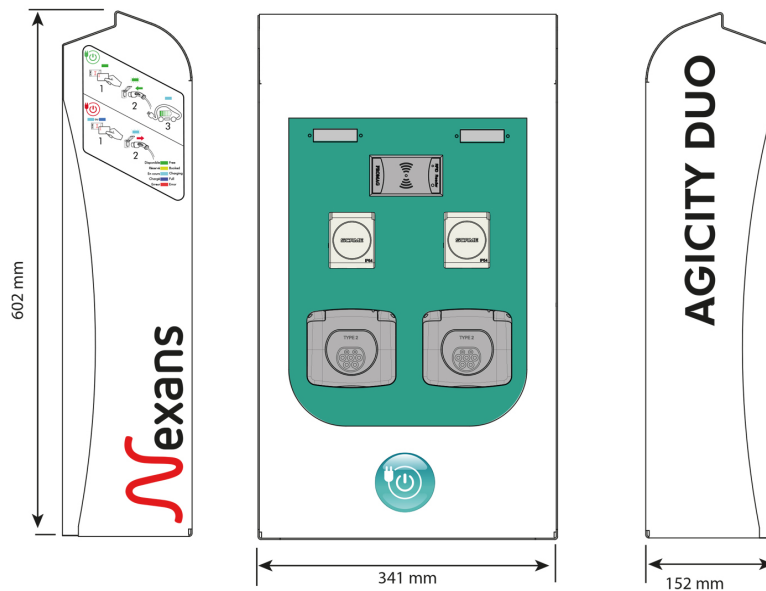
Nexans ref.	Name	Power [kVA]	Plug socket	Charging station configuration	Charging station Electrical protection
☎ 304043E	AGICITY DUO FR 2x7kW Master T2SL/E Cust220E22-RAL5021	7	Type 2S lockable + EF	Master	Included
☎ 304040E	AGICITY DUO FR 2x7kW Slave T2SL Cust220001-RAL5021	7	Type 2S Lockable	Slave	Not included
☎ 304044E	AGICITY DUO FR 2x7kW Slave T2SL Cust220E01-RAL5021	7	Type 2S Lockable	Slave	Included
☎ 304041E	AGICITY DUO FR 2x7kW Slave T2SL/E Cust220001-RAL5021	7	Type 2S lockable + EF	Slave	Not included
☎ 304042E	AGICITY DUO FR 2x7kW Slave T2SL/E Cust220002-RAL5021	7	Type 2S lockable + EF	Slave	Not included
☎ 304045E	AGICITY DUO FR 2x7kW Slave T2SL/E Cust220E01-RAL5021	7	Type 2S lockable + EF	Slave	Included
☎ 304046E	AGICITY DUO FR 2x7kW Slave T2SL/E Cust220E02-RAL5021	7	Type 2S lockable + EF	Slave	Included
☎ 69751E	AGICITY DUO UK 2x22kW Master T2L Cust220012-RAL5021	22	Type 2 lockable	Master	Not included
☎ 69752E	AGICITY DUO UK 2x22kW Slave T2L Cust220001-RAL5021	22	Type 2 lockable	Slave	Not included
☎ 69805E	AGICITY DUO UK 2x22kW Slave T2L Cust220002-RAL5021	22	Type 2 lockable	Slave	Not included

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RECOMMENDED ELECTRICAL PROTECTIONS FOR U.K. MARKET

Charge point protections	2 x RCCB - 30 mA, type A used in association with 6mA DC detection
	2x MCB - 40A, C curve, 3P+N
Internal protection	1x MCB - 6A , C Curve

AGICITY DUO DETAILS AND OPTIONS



OPTIONS

- Customisation (colour / stickers)

ASSOCIATED PRODUCTS

- Pedestal : 69823E
- Anchor for pedestal on loose ground : 69942E
- NEOBUS for indoor installation: 302844 / 302845 / 302846
- kit NEOCLICK single phase: 69745E
- kit NEOCLICK three phase: 69746E